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10/802,131	03/15/2004	Dale A. Herigstad	KAQ-001CN	3388

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EXAMINER

PARKER, BRANDON

ART UNIT	PAPER NUMBER
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2174

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/28/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/802,131

Applicant(s)

HERIGSTAD ET AL.

Examiner

Brandon Parker

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-112 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-112 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 7/29/2005.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Claims 1-112 are presented for examination

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 30, 31 and 100 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

With respect to claim 30,

Claim 30 recites, "the side" in the 1st line of the claim. There is insufficient antecedent basis for the limitation in the claim.

With respect to claim 31,

Claim 31 recites "said keyboard" in the 1st line of the claim. There is insufficient antecedent basis for the limitation in the claim.

Claim 100 recites, "the new information" in the 1st line of the claim. There is insufficient antecedent basis for the limitation in the claim.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference

Art Unit: 2174

claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-112 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claim 1-39 of U.S. Patent No. 6731316. Although the conflicting claims are not identical, they are not patentably distinct from each other because of the following:

Regarding Claims:

1. portable electronic apparatus/mobile telephone, telephone/processor service/option(Claim 1, Claim 6)
2. regions are arranged on the display to *match* the pattern in which the keys are configured/display is organized in a configuration that *corresponds* to a configuration of keys (Claim 2)
3. in response/in a request (Claim 1)
4. visual indication/graphical element (Claim 1)
5. regions contain text (Claim 5)
6. regions contain text (Claim 1)
7. new information associated with the selection key is displayed (Claim 11)
8. new information that is displayed on the display is visually partitioned (Claim 12)
9. at least five regions (Claim 13)
10. display in nine regions associated with respective keys numbered one through nine (Claim 14)
11. visually delimiting (Claim 15)
12. occupy substantially all of the display (Claim 16)
13. associated exclusively with a single one of the keys in the keypad (Claim 17)
14. PDA/virtual keypad
15. PDA/touch screen
16. remote control/navigational element to switch between regions (Claim 9)
17. remote control/navigational element, joystick (Claim 9)
18. remote control/joypad (Claim 9)

Art Unit: 2174

19. remote control/keys in circular shape, located inside(Claim 9)
20. remote control/navigational element in circular shape(Claim 9)
21. remote control/partially in a circular shape(Claim 9)
22. keys configured in a pattern/keys vertically aligned and horizontally opposite (Claim 2)
23. keys configured in a pattern/vertically aligned columns appearing on respective sides (Claim 2)
24. numbered keypad, pattern/1,2,3,4,5 on first vertical and 6,7,8,9,10 on second (Claim 2)
25. numbered keypad/more than one number appears (Claim 2)
26. keys configured in a pattern/an arrangement in a grid pattern (Claim 2)
27. configured in a pattern/grid pattern (Claim 2)
28. configured in a pattern/grid pattern, vertically aligned (Claim 2)
29. mobile telephone/non uniform (Claim 6)
30. mobile telephone/grid appears to the side (Claim 6)
31. PDA/Qwerty keyboard (Claim 8)
32. remote control/navigational element used to switch(Claim 9)
33. numbered keypad/consist of two keys (Claim 2)
34. numbered keypad/consist of three keys (Claim 2)
35. border visually delimiting, visual indication, visually partitioning/icons (Claim 15)
36. visually delimiting/shading differences (Claim 15)
37. portable electronic device/electronic device, display surface/display service/choice of an option, in regions/two regions (Claim 1)
38. visual indication/icons (Claim 1)
39. a border visually delimiting/shading differences (Claim 15)
40. numbered keypad (Claim 1)
41. PDA/lettered keypad (Claim 8)
42. PDA/graphics on the keys (Claim 8)
43. PDA/at least two of : numbers, letters, graphics (Claim 8)
44. PDA/virtual keypad (Claim 8)
45. PDA/touch screen (Claim 8)
46. remote control/navigational element to switch between regions (Claim 9)
47. remote control/navigational element, joystick (Claim 9)
48. remote control/joypad (Claim 9)
49. mobile telephone (Claim 6)
50. PDA (Claim 8)
51. remote control (Claim 9)
52. remote control/device configured to operate one of: television, networked computer, DVR (Claim 9)
53. display match to keys/display correspond to keys (Claim 2)
54. mobile telephone apparatus receiving information transmitted (Claim 18)
55. numbered keypad/one key in said keypad includes more than one number (Claim 18)

- 56. numbered keypad/key includes at least two non-sequential numbers (Claim 18)
- 57. graphical element/icons
- 58. visually partitioned/shading differences
- 59. portable electronic apparatus/electronic apparatus, triggers information/causes information (Claim 1)
- 60. visual indication/icons (Claim 1)
- 61. visually portioned, visually delimiting/shading differences (Claim 1, Claim 15)
- 62. portable electronic apparatus is a telephone/mobile telephone (Claim 6)
- 63. keys in the keypad are configured (Claim 2)
- 64. regions contain graphical information (Claim 3)
- 65. regions contain text (Claim 5)
- 66. regions contain text (Claim 5)
- 67. pager (Claim 7)
- 68. PDA (Claim 8)
- 69. a device configure to operate one of television, television monitor, networked computer, DVR box/remote control device (Claim 9)
- 70. a device configure to operate one of television, television monitor, networked computer, DVR box/remote control device (Claim 9)
- 71. Internet appliance (Claim 10)
- 72. triggering an event comprising displaying new information on the display wherein the new information is associated with the selected key on the keypad/number keypad (Claim 11)
- 73. new information that is displayed on the display is visually partitioned into regions that are each associated with respective ones of the keys on the keypad (Claim 12)
- 74. five regions (Claim 13)
- 75. nine regions associated with respective ones of the keys on the keypad (Claim 14)
- 76. a border for visually delimiting (Claim 15)
- 77. occupy substantially all of the display (Claim 16)
- 78. associated exclusively with a single one of the keys in the keypad (Claim 17)
- 79. PDA /virtual keypad (Claim 8)
- 80. numbered keypad (Claim 1)
- 81. PDA/lettered keypad (Claim 8)
- 82. two regions/in regions, action/service (Claim 18, Claim 1)
- 83. numbered keypad/at least two numbers (Claim 18, Claim 1)
- 84. graphical element/icons, visual indication/icons (Claim 18, Claim 1)
- 85. visually partitioned, visually delimiting/shading differences (Claim 15, Claim 1)
- 86. portable electronic apparatus/electronic apparatus, triggers information/causes information, holding instruction/executable steps (Claim 26)
- 87. visual indication/ icons (Claim 26, Claim 1)
- 88. visually partitioned, visually delimiting/shading differences (Claim 30, Claim 26)
- 89. mobile phone (Claim 31)
- 90. configured in a pattern, arranged on a display to match the pattern (Claim 27)
- 91. mobile phone/region contain graphical information (Claim 31, Claim 3)

Art Unit: 2174

- 92. mobile phone/region contain text (Claim 31, Claim 5)
- 93. mobile phone/region contain text (Claim 31, Claim 4)
- 94. portable electronic apparatus/pager (Claim 26, Claim 7, Claim 1)
- 95. PDA (Claim 31, Claim 8)
- 96. remote control (Claim 31)
- 97. television (Claim 9, Claim 31)
- 98. portable electronic apparatus/electronic apparatus/Internet appliance (Claim 10, Claim 26)
- 99. triggers an event displaying new information (Claim 28)
- 100. new information that is displayed on the display is visually partitioned (Claim 29)
- 101. five regions/partitioned in regions (Claim 13, Claim 26)
- 102. nine regions associated with respective keys numbered one through nine/partitioned in regions wherein regions is associated with one of the keys on the numbered keypad(Claim 14, Claim 26)
- 103. a border visually delimiting (Claim 15, Claim 30)
- 104. regions occupy substantially all of the display/display is visually partitioned in regions (Claim 26)
- 105. each region associated *exclusively* with a single one of the keys (Claim 17, Claim 26)
- 106. keypad/virtual keypad (Claim 26)
- 107. keypad/numbered keypad (Claim 26)
- 108. keypad/lettered keypad (Claim 26)
- 109. portable electronic apparatus/mobile telephone apparatus (Claim 18, Claim 26)
- 110. numbered keypad/ at least two numbers (Claim 18, Claim 26)
- 111. visual indication/icons (Claim 26, Claim 1)
- 112. border visually delimiting/shading differences (Claim 30)

The difference between claims 1-39 of Patent 6731316 and the claims 1-112 in the present application 10/802131 is the aspect of further comprising the portable electronic apparatus and mobile telephone apparatus. Official notice is given that alternative operations and more efficient displays of keys and displayed regions on the portable electronic device and mobile telephone apparatus are notoriously known in the art. According to implementation requirements, it would be obvious to one skilled in the art of graphical user interface at the time of invention to improve the portable electronic apparatus, mobile telephone apparatus, and storage medium for use of the apparatuses by substituting and adding changes to the display and pattern because the present

application is an obvious variation the apparatuses and does not change the scope of the invention as disclosed in Patent 6731316.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-24, 26-35, 37-38, 40-54, 57, 59-60, 62-82, 84, 86, 87, 89-109, and 111 are rejected under 35 U.S.C. 102(b) as being anticipated by Wicks et al (US Patent No. 5,796,394) (Wicks hereinafter)

With respect to claim 1,

- Wicks provides teachings of a mobile telephone apparatus, said mobile telephone apparatus receiving information transmitted for display on said mobile telephone apparatus, said mobile telephone apparatus comprising (PC, PIC, telephone, paging device/electronic apparatus Col 1 lines 24-29)
- a display surface for displaying the received information in a visually partitioned manner, said visually partitioned information being presented on said display in at least two regions; a keypad containing keys, each of said keys corresponding to at most a single region of said display, wherein each region is associated with at least one of the keys in the keypad and represents a choice of an option that may be selected by selecting

Art Unit: 2174

the associated key, and a processor for performing an action associated with said choice of an option, said action triggered by the selection of the associated key. visually partitioned 300/Fig 4 Drawing), (voice-mail, email, faxes/actions/concerns service, triggers an event Col 2 lines 48-62), (mobile telephone Wicks Claim 27)

Claim 37, 54, 59, 82, 86, and 109 are similar in scope to claim 1 and are therefore rejected under similar rationale.

With respect to claim 2,

- Wicks shows that a display is organized in a configuration that corresponds to a configuration of the keys on the keypad (Col 2 line 50-52)

Claim 53, 63 and 90 are similar in scope to claim 2 and are therefore rejected under similar rationale.

With respect to claim 3,

- Wick shows that each region is associated with a service option for a service and selecting the selected key results in a request for the service (operations/service option for service Abstract)

With respect to claim 4,

- Wick shows that each region contains a graphical element that visually represents a choice (visual indication, message bins/graphical element Abstract)
- Wick shows that the regions contain text (1 David, Drawing Fig 4)

Claim 5, 6, 64, 65, 66, 91, 92, 93 are similar in scope to claim ~~5~~⁴ therefore the claims are rejected under similar rationale.

With respect to claim 7

Art Unit: 2174

- Wick shows that new information associated with the selected key on the keypad is displayed following said triggering of an event (a dialog box appears/new information Col 8 lines 37-39)

Claim 72 and 99 are similar in scope to claim 7 and are therefore rejected under similar rationale.

With respect to claim 8

- Wick shows that new information that is displayed on the display is visually partitioned into regions that are each associated with respective ones of the keys on the keypad (buttons/visually partitioned Col 8 lines 44-66)

Claim 73 and 100 are similar in scope to claim 8 and are therefore rejected under similar rationale.

With respect to claim 9

- Wick shows that information is displayed on said display displays in at least five regions (Fig 4 Drawing, Col 2 lines 48-52)

Claim 74 and 101 are similar in scope to claim 9 therefore the claims are rejected under similar rationale.

With respect to claim 10

- Wick shows that information is displayed on said display displays in nine regions associated with respective keys numbered one through nine (numbered keypad, Fig 4 Drawing, Col 2 lines 48-52)

Claim 40, 41, 75, 80, and 102 are similar in scope to claim 10 and the claims are therefore rejected under similar rationale.

With respect to claim 11

Art Unit: 2174

- Wicks does not disclose expressly each of the regions contains a border for visually delimiting the regions. Official notice is given that regions contain a border visually delimiting the regions. According to implementation requirements, it would have been obvious to a person skilled in the art at the time of invention to provide a border for visually delimiting the regions.

Claim 76 and 103 are similar in scope to claim 11 and the claims are rejected under similar rationale.

With respect to claim 12,

- Wick shows where regions occupy substantially all of the display (300/Fig 4 Drawing)

Claim 77 and 104 are similar in scope to claim 12 and the claims are therefore rejected under similar rationale.

With respect to claim 13

- Wicks shows each region is associated exclusively with a single one of the keys of a keypad (one image/region is displayed per key/region Wicks Claim 27)

Claim 78 and 105 are similar in scope to claim 13 and the claims are therefore rejected under similar rationale.

With respect to claim 14

- Wick shows a keypad is a virtual keypad (MAGICLINK™ device, palmtop, PDA/touch-screen qwerty keyboard, PIC, lettered and graphic and numbered Col 3 lines 60-65)

Claim 15, 31, 42-46, 50, and 79 are similar in scope to claim 14 therefore the claims are rejected under similar rationale.

With respect to claim 16

Art Unit: 2174

- Wick shows a navigational element used to switch focus between displayed regions on the display surface (handheld communicator, button 1,2 trackball, associated controls Col 8 58-67), (Col 3 55-60), (Col 4 lines 45-49)

Claim 17, 18, 47, 48, 51, 52, 69, 70, 96, and 97 are similar in scope to claim 16 and the claims are therefore rejected under similar rationale.

With respect to claim 19

- Wick shows that keys appear in a circular shape and said navigational element used to switch focus between displayed regions on the display surface (Wicks Claim 1), (Col 8 58-67), (Col 3 55-60), (Col 4 lines 45-49)

Claim 20-24, 29 and 30 are similar in scope to claim 20 and are therefore rejected for at least the same reasons.

With respect to claim 26

- Wick shows an arrangement of said keys in a grid pattern, said grid pattern including at least four rows of at least 3 keys each and at least three columns (126/Fig 1 Drawing)

With respect to claim 27

- Wick shows a grid pattern includes keys bearing the numbers 1, 2 and 3 on separate consecutive keys from left to right in a first row, keys bearing the numbers 4, 5 and 6 on separate consecutive keys from left to right in a second row appearing below said first row, keys bearing the numbers 7, 8 and 9 on separate consecutive keys from left to right in a third row appearing below said second row, and a key bearing the number 0 appearing on a fourth row of keys on the center key, said fourth row appearing below said third row (Col 11 lines 15-20, Drawing Fig 4)

Art Unit: 2174

Claim 28 is similar in scope to claim 27 and is therefore rejected under similar rationale.

With respect to claim 33,

- Wick shows that a keypad consist of two keys (a keypad having a plurality of keys/consist of two, consist of three Wicks Claim 4)

Claim 34 is similar in scope to claim 33 and is therefore rejected under similar rationale.

With respect to claim 35,

- Wick shows regions are separate icons appearing on said display surface (300 Fig 4 Drawing)

Claim 38, 57, 60, 84, 87, and 111 are similar in scope to claim 35 and are therefore rejected under similar rationale.

With respect to claim 49

- Mobile phone (Wicks Claim 1)

Claim 62 and 89 are similar in scope to claim 49 and are therefore rejected under similar rationale.

With respect to claim 67,

- Electronic apparatus is a pager (paging device/pager Col 1 lines 24-29)

Claim 94 is similar in scope to claim 67 and is therefore rejected under similar rationale.

With respect to claim 68,

- Electronic apparatus is a PDA (lettered keyboard, virtual keyboard, touch-screen) Col 3 lines 60-65)

Claims 81, 95, and 106-109 are similar in scope to claim 68 and are therefore rejected under similar rationale.

Art Unit: 2174

With respect to claim 71,

- Electronic apparatus is an Internet appliance (PIC, personal information communicator
Col 1 lines 24-29)

Claim 98 is similar in scope to claim 71 and is therefore rejected under similar rationale.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 25, 36, 39, 55, 56, 58, 61, 83, 85, 88, 110 and 112 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wicks et al (US Patent No. 5,796,394) (Wicks hereinafter) as applied to claim 1, 11 and 35.

With respect to claim 36,

Wick shows that regions are separate icons appearing on said display surface (see 102 rejection for claim 35 above). Official notice is given that providing a color difference or shade difference between regions on the portable electronic device and mobile telephone apparatus are notoriously known in the art. According to implementation requirements, at the time of invention it would have been obvious to a person of ordinary skill in the art to provide a mobile telephone apparatus or electronic apparatus wherein regions are partitioned based on shading differences on said display space by modifying the separate icons with shading differences to

Art Unit: 2174

make the regions visually delimiting (see claim 11) and visually partitioned and to provide a concise and more efficient electronic apparatus or mobile telephone apparatus.

Claims 39, 58, 61, 85, 88, and 112 are similar in scope and are therefore rejected under similar rationale.

With respect to claim 25,

Wick shows that more than one number appears or at least two numbers appear on an individual key a numbered keypad (see 102 rejection for claim 1). Official notice is given that changing the displayed arrangement of the keys by providing more than one number on an individual key of a keypad is notoriously known in the art. According to the implementation requirements, at the time of invention it would have been obvious to a person of ordinary skill in the art to provide a mobile telephone or electronic apparatus wherein more than one number appears on at least one key of said keypad or at least two numbers appearing on a key to provide a concise and more efficient electronic apparatus or mobile telephone apparatus.

Claims 55, 56, 83, and 110 are similar in scope and are therefore rejected under similar rationale.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure which relate to a determining template icons for document applications.

US Patent 5598523 discloses a method and system for displayed menu activation using a matching distinctive arrangement of keypad actuators.

US Patent 6307549 discloses a reduced keyboard disambiguating system.

US Publication 20040233239 discloses a user interface display for set-top box devices.

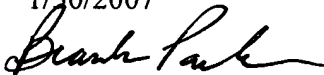
US Patent 5796394 discloses a user interface and rule processing for a personal communications routing system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brandon Parker whose telephone number is 571-270-1302. The examiner can normally be reached on Monday thru Friday 7:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached 571-272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-270-2302.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BP
1/30/2007



Brandon Parker
Patent Examiner
Art Unit 2174

